

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 37137-191300

First Inventor Zhangyuan YANG

Title A Coding Method for Binary Digits Coding and Its Circuit for Digits Transmission

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 800 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 16)  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 1)
5. Oath or Declaration (Total Pages 2)  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76
- 6a. ☒ Priority is claimed under the provisions of 35 U.S.C. § 119  
Appln No. 02125876.7 filed in P.R. CHINA on July 31, 2002  
Appln No. \_\_\_\_\_ filed in \_\_\_\_\_ on \_\_\_\_\_

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☒ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449  
☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: cover letter and fee calculation and transmittal; submission of priority document cover letter; check in the amount of \$ 415.00 for the application filing fee and the assignment recordation fee.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 20. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

26694

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name VENABLE

Address P.O. Box 34385

City Washington

State

D.C.

Zip Code

20043-9998

Country U.S.A.

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Name (Print/Type)

Ralph P. Albrecht

Registration No. (Attorney/Agent)

43,466

Signature

Date

July 30, 2003

08306 U.S. PTO  
10163001  
07/30/03

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 415

## Complete If Known

Application Number to be determined  
Filing Date July 30, 2003  
First Named Inventor Zhangyuan YANG  
Examiner Name to be assigned  
Group / Art Unit to be assigned  
Attorney Docket No. 37137-191300

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

22-0261

VENABLE ATTORNEYS AT LAW

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) under 1.16 or 1.17 during pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	375
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 375)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid	
19	-20** = 0	X 9	= 0	
Independent Claims	1	-3** = 0	X 42	= 0
Multiple Dependent		X	= 0	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1061	130	2061	65	Surcharge - late filing fee or oath	
1062	50	2062	25	Surcharge - late provisional filing fee or cover sheet	
1063	130	2063	65	Non-English specification	
1812	2,520	2812	1,260	For filing request for ex parte reexam	
1804	920*	2804	460*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	2805	920*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	2451	755	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	2460	65	Petitions to the Commissioner	
1807	50	2807	25	Processing fee under 37 CFR 1.17 (4)	
1806	180	2806	90	Submission of Information Disclosure Sheet	
8021	40	28021	20	Recording each patent assignment per property (times number of properties)	40
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.125(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.125(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	2802	450	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

## SUBMITTED BY

Name (Print/Type)

Ralph P. Albrecht

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## Complete (if applicable)

Telephone

202-216-8166

Signature

*Ralph P. Albrecht*

Date

July 30, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  
SEND TO: Commissioner for Patents, Washington, DC 20231.

**VENABLE**  
ATTORNEYS AT LAW

PC Docs No. 474770.1

**HAND DELIVERED**  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Application of : Zhangyuan YANG, Li GUO, Yanhua WANG

Title: A Coding Method for Binary Digits Coding and Its Circuit for Digits  
Transmission

Attorney Docket No.: 37137-191300

Filing Date: Filed herewith

Honorable Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants respectfully submit the following documents for filing the subject

patent application:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. Fee Transmittal for FY 2002 (PTO/SB/17);
3. Application Data Sheet;
4. Specification including 19 claims and the Abstract (16 pages), and the drawings (Figures 1-3 on 1 sheets);
5. Declaration and Power of Attorney;
6. Assignment with the Recordation Cover Sheet thereof (PTO-1595);
7. Information Disclosure Statement with 1 reference and form PTO-1449;

8. Certified copy of Chinese Priority Document No. CN 02125876.7 filed on July 31, 2002 with the English translation thereof and the "Submission of Priority Document" cover letter;
9. Claiming Small Entity Status - Non-profit Organization;
10. A check in an amount of \$ 415.00;
11. Return Postcard.

The subject application claims priority on Chinese priority application no. CN 02125876.7 filed on July 31, 2002 under 35 U.S.C. §119.

A check in the amount of \$415.00 is enclosed for the filing. Should any other fee be required, please charge the same to Deposit Account No. 22-0261 and notify the applicants' attorney.

Respectfully submitted,



Date: July 30, 2003

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